

## CLIMATOLOGICAL DATA FOR DECEMBER, 1912.

## DISTRICT No. 7, LOWER MISSISSIPPI VALLEY.

ISAAC M. CLINE, District Editor.

## GENERAL SUMMARY.

Moderate temperature conditions prevailed generally during the month. The precipitation was light and scattered, and there were no well-defined rainy periods, except that over Louisiana, southern Arkansas, and in the Mississippi and Tennessee areas rain occurred nearly every day and the amounts were heavy to excessive in most localities. The weather was too dry for agricultural interests, except over the southeastern portion of the district where the excessive rains interfered materially with all outdoor occupations.

The following table summarizes the chief features of meteorological interest in the various portions of the district.

States and portions of States lying within District No. 7.	Mean temperature.	Departure from the normal.	Mean precipitation.	Departure from the normal.	Greatest precipitation in 24 hours.	Mean snowfall.	Number of days.			Prevailing wind direction.
							With 0.01 inch or more.	Clear.	Partly cloudy.	
Colorado.....	26.6	-2.6	0.45	-0.52	0.90	7.8	3	21	7	3 nw.
New Mexico.....	30.4	-3.6	0.23	-0.36	0.50	3.3	2	21	8	2 sw.
Texas.....	38.2	-1.8	1.31	-0.68	2.00	3.6	4	17	5	9 n.
Kansas.....	35.5	+1.4	0.43	-0.47	0.92	0.1	1	20	7	4 s.
Oklahoma.....	39.2	+0.4	0.70	-0.61	0.90	1.9	3	19	7	5 s.
Missouri.....	38.2	+2.1	0.71	-2.07	0.91	1.4	3	18	5	8 s.
Tennessee.....	40.4	-0.2	3.59	-1.00	1.56	2.0	8	14	2	15 n.
Arkansas.....	41.7	-0.5	2.63	-1.46	2.31	1.7	7	14	7	10 sw.
Mississippi.....	45.6	-1.3	9.05	+ 5.05	4.91	T.	13	10	6	15 n.
Louisiana.....	51.2	-0.2	12.11	+ 7.36	5.50	0	13	8	5	18 n.

## TEMPERATURE.

Mean temperatures ranged from  $0.2^{\circ}$  to  $5.6^{\circ}$  below the normal over the Colorado and New Mexico areas, and in the western and extreme eastern portions of the Texas area, southwestern and central-eastern Oklahoma, central southern Kansas, southern Arkansas, northern Louisiana, the northern portion of the Mississippi area, and the extreme southwestern portion of the Tennessee area; elsewhere there was an excess in mean temperature ranging from  $0.2^{\circ}$  to  $4.2^{\circ}$ . Below zero readings were reported only from the more elevated stations in the Colorado and New Mexico areas; elsewhere the lowest readings were well above zero, except that 1 station in Oklahoma reported a minimum temperature of zero. The highest temperature recorded,  $90^{\circ}$ , occurred at Reserve, La., and the lowest,  $-20^{\circ}$ , at Elizabethtown, N. Mex. A minimum reading of  $-19^{\circ}$  was reported from Westcliffe, Colo., and  $-16^{\circ}$  from Lake Moraine, Colo.

## PRECIPITATION BY DRAINAGE AREAS.

*Arkansas River and tributaries.*—There was less than the normal precipitation throughout this drainage area. Over the headwaters of the Arkansas River in Colorado, the average from 40 stations was 0.45 inch, about half the

normal amount. The average from 43 stations in those portions of the Arkansas Valley proper that lie in Kansas and Oklahoma was 0.41 inch, about 0.5 inch below the normal. Over the headwaters of the Canadian River in New Mexico, the average from 38 stations was 0.21 inch, about 0.3 inch below the normal. In those portions of the Canadian Valley that lie in Texas and Oklahoma, the average from 30 stations was 0.56 inch, about 0.6 inch below normal. The average from 20 stations in the Cimarron Valley was 0.29 inch, about 0.4 inch below the normal. Over the Verdigris Valley, the average from 11 stations was 0.68 inch, about half the normal amount, and over the Neosho Valley the average from 18 stations was 0.61 inch, about 1.3 inches below the normal. Below the Oklahoma-Arkansas line, the average from 16 stations in the Arkansas Valley proper was 2.02 inches, about half the normal amount.

*Red River and tributaries.*—Less than the normal precipitation occurred over those portions of the Red River Valley that lie in New Mexico, Texas, and Oklahoma, the average from 46 stations being 1.08 inches, about half an inch less than the normal amount. Below the Texas-Arkansas line, the average from 20 stations was 7.81 inches, about 3.4 inches above the normal.

*Mississippi River south of St. Louis and small tributaries.*—The precipitation was below the normal in this drainage area, except in Mississippi, Louisiana, and at a few stations in southeastern Arkansas. Over the immediate Mississippi Valley the average from 38 stations was 5.26 inches, about 0.8 inch above the normal. The average from 23 stations in the Valley of the White was 0.96 inch, about 2.3 inches below the normal. Over the Yazoo Valley the average from 23 stations was 7.89 inches, about 3 inches above the normal. The average for the Valley of the Big Black was 10.04 inches, about 5.4 inches above the normal. The amounts from 15 stations in the Ouachita Valley averaged 4.18 inches, about 0.6 inch below the normal.

*Louisiana coastal plain.*—Heavy precipitation occurred over this drainage area, the average from 40 stations being 13.35 inches, about 9.3 inches above the normal.

## SNOWFALL.

Snow occurred generally over the district, except over Louisiana, extreme southern Arkansas, the central and southern portions of the Mississippi area, the eastern portion of the Texas area, and in southeastern Oklahoma, but owing to the warm weather no snow remained on the ground at the close of the month, except in the more elevated portions of the Colorado and New Mexico areas. Over the Colorado area the snowfall was light and below the normal. In the New Mexico area very little snow occurred, and the depth stored in the mountains at the close of the month was insignificant. Generally speaking the prospects for irrigation water for the coming season are not good.

## RIVERS.

All rivers in Oklahoma continued below the normal stage, and no decided changes were reported. In the Kansas area the rivers continued at low stages, and in Arkansas the Black, White, and Arkansas Rivers continued unusually low, and the Arkansas at Little Rock was not navigable at any time during the month.

Changes in the Mississippi below St. Louis were slight and unimportant and low stages prevailed generally. The Red River was low throughout the month and there were only slight changes in stage. Changes in the Ouachita were slight, generally, and the river remained at a low stage, except that there was a sharp rise at Camden from the 25th to 27th, when the highest stage of the month, 10.7 feet, was recorded.

## DAM AND ELECTRIC POWER PLANT AT POWERSITE, MO.

By J. S. HAZEN, Local Forecaster, Springfield, Mo.

A dam and hydroelectric power plant is now nearing completion on the White River 8 miles below Hollister, Mo., which will conserve the waters of that stream and supply power for the adjacent territory. This power plant, while small as compared with the one at Keokuk, Iowa, is to be one of a series along the White River which will eventually utilize the entire resources of that stream. It is the first project of this character undertaken in that part of the State and marks an era of great development and economic importance to southwestern Missouri and northwestern Arkansas.

The White River flows in a southeasterly direction through the Ozark Mountains, with a crooked course and high grade. This condition gives many desirable sites for the contemplated series of dams. The three power

plants now contemplated will be located within a radius of about 7 miles of Hollister.

The project is being financed by the Henry L. Doherty Co. and is incorporated as the Ozark Power & Water Co., with a capitalization of \$1,500,000. They contemplate eventually spending \$2,000,000 on the project. Power will be supplied to all cities within 150 miles of the centers, and lines of transmission with steel poles are almost completed to Springfield, Carthage, and Joplin, Mo.

The first of these plants will be completed in March or April, 1913. The dam at Powersite is of the Amburson type, hollow construction, reinforced concrete, 52 feet high, 60 feet wide at the base, with a spillway 600 feet long, and the approaches are 700 feet in length. It is situated in a gorge of the White River, and when completed will raise the water level in the river 50 feet and create a lake nearly 20 miles long. No difficult engineering problems were encountered in the construction, as solid rock foundations were easily secured with a minimum of excavation. The land which will be inundated by the lake created has been secured by purchase and no delay in the turning on of the power is anticipated. The power house will be immediately below the dam and will have 8 penstocks, with 5 units of 2,250 kilowatts each. With a minimum flow of water during unusually dry seasons of 1,000 feet per second, a reservoir dam will be required, and work has already been started on that project. However, each dam will create such a vast reservoir that, while the White River is small (only about 600 feet wide at Powersite), it is confidently expected that the average annual precipitation of 44 inches over the 4,000 square miles of territory draining into the river above the dam will furnish an ample supply of water to tide over the driest periods.

TABLE 1.—Climatological data for December, 1912. District No. 7, Lower Mississippi Valley.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of clear days.	
<i>Colorado.</i>																		
Buena Vista.	Chaffee.	7,955	12	16.8	- 5.1	39	14+	- 16	7	38	0.27	- 0.18	0.20	4.0	2	18	nw.	C. A. Short.
Calhan.	El Paso.	6,700	5	25.6	-	54	14-	- 1	8	36*	0.22	-	0.10	3.5	4	24	6	H. B. Rice.
Canon City.	Fremont.	5,343	24	34.7	- 2.3	65	15-	9	57	43	0.14	- 0.30	0.13	1.5	2	29	1	U. S. Weather Bureau.
Colorado Springs.	El Paso.	6,098	32	27.4	- 3.0	56	14-	- 3	8	39	0.06	- 0.20	0.05	1.2	2	22	8	Colorado College.
Cripple Creek.	Teller.	9,396	11	-	-	-	-	-	-	-	0.29	- 0.17	0.18	5.1	4	-	1	F. G. Willis.
Cuchara Camps.	Huerfano.	8,200	3	-	-	-	-	-	-	-	0.81	-	0.73	10.7	2	26	5	George A. Mayes.
Eads.	Kiowa.	4,209	5	38.3	-	58	14-	- 10	26	27	T.	-	T.	0	0	20	8	Mrs. Mattie A. Kerr.
Fairview.	Custer.	9,500	3	-	-	-	-	-	-	-	1.34	-	0.84	19.0	4	13	15	Elizabeth L. Grey.
Fremont Exper. Sta.	El Paso.	8,850	2	21.9	-	48	14-	- 5	57	37	0.22	-	0.08	3.4	4	19	10	U. S. Forest Service.
Garfield.	Chaffee.	9,510	2	-	-	-	-	-	-	-	1.23	-	0.42	19.8	8	22	2	Lloyd N. Felton.
Hamps.	Elbert.	5,400	19	27.2	- 0.5	60	14-	- 5	26	46	0.07	- 0.34	0.05	1.0	2	22	4	W. Hamp.
Hermit Lake.	Custer.	10,000	2	-	-	-	-	-	-	-	1.45	-	0.57	25.0	5	20	8	John E. Graham.
Hoehne (near).	Las Animas.	5,700	20	30.9	- 0.3	64	14-	- 7	6	51	0.31	- 0.39	0.21	4.0	2	18*	7*	S. W. De Busk.
Holly.	Prowers.	3,380	17	29.9	- 1.9	64	14-	- 2	21	54*	0.03	- 0.37	0.03	0.5	1	26d	1d	Holly Sugar Co.
Lake Moraine.	El Paso.	10,265	18	18.3	- 0.3	43	13-	- 16	6	35	0.38	- 0.32	0.25	10.5	6	16	10	Clyde C. McReynolds.
Lamar.	Prowers.	3,592	22	31.4	- 1.0	62	30-	- 5	21	50	T.	- 0.60	T.	0	0	28	3	J. T. Lawless.
Las Animas.	Bent.	3,899	44	-	-	-	-	-	-	-	0.10	-	0.10	1.5	1	22	8	F. M. Tague.
La Veta Pass.	Costilla.	9,000	2	-	-	-	-	-	-	-	1.11	-	0.82	17.5	2	26	5	Clara M. Wright.
Leadville.	Lake.	10,248	16	13.4	- 5.6	46	15-	- 14	22	36	0.81	- 0.23	0.28	13.4	8	14	11	U. S. Weather Bureau.
Limon (near).	Elbert.	5,360	25	26.3	-	57	14-	- 2	6	45	0.20	-	0.20	3.0	1	25	4	F. L. Palmer.
Madrid.	Las Animas.	6,361	2	-	-	-	-	-	-	-	0.26	-	0.21	7.5	3	-	2	Thos. Sawers.
Marshall Pass.	Saguache.	10,846	9	-	-	-	-	-	-	-	1.51	-	0.31	15.0	7	14	3	W. L. Williams.
Maxey.	Baca.	-	-	-	-	-	-	-	-	-	0.10	-	0.10	1.5	1	22	8	L. H. Alberti.
Monument.	El Paso.	7,200	1	25.0	-	70	24-	- 13	6	53	1.46	-	0.90	18.0	3	22	5	U. S. Forest Service.
North Lake.	Las Animas.	8,700	20	-	-	-	-	-	-	-	0.23	-	1.36	0.12	4	3	3	James W. Ingrie.
Pueblo.	Pueblo.	4,734	24	31.2	- 0.5	66	14-	- 1	21	45	0.02	- 0.44	0.02	0.3	1	23	8	U. S. Weather Bureau.
Rocky Ford (near).	Otero.	4,177	23	30.3	- 0.3	64	14-	- 1	21	50b	0.00	- 0.44	0.00	0.0	0	28	3	P. K. Blinn.
St. Elmo.	Chaffee.	9,500	3	-	-	-	-	-	-	-	0.72	-	0.29	12.0	5	22	4	Daniel Clark.
Salida.	do.	7,035	13	21.8	- 5.0	53	14-	- 13	26	55	0.32	- 0.27	0.25	4.0	2	30	1	M. D. L. Buell.
Santa Clara.	Huerfano.	8,252	17	25.8	- 1.4	54	14-	- 7	6	38	0.90	- 0.84	0.70	19.7	4	22	9	Lincoln G. Morris.
Sheridan Lake.	Kiowa.	4,065	10	-	-	-	-	-	-	-	T.	-	T.	0	16	4	11	Howard Gamble.
Stonewall.	Las Animas.	8,000	6	-	-	-	-	-	-	-	-	-	-	-	0	0	G. A. Storz.	
Trinidad.	do.	5,994	16	30.8	-	60	14-	- 3	67	45	0.52	- 0.06	0.43	10.5	3	21	10	Walter Dearden.
Two Buttes.	Baca.	4,100	1	33.0	-	67	4-	- 6	21	48	0.07	-	0.07	0.8	1	14	7	N. G. Jones.
Two Buttes Reservoir.	do.	-	-	-	-	-	-	-	-	-	0.06	-	0.06	1.0	1	26	2	Two Buttes Irrigation & Reservoir Co.
Victor.	Teller.	10,100	8	22.7	-	48	15-	- 2	22	35*	0.29	-	0.14	4.2	4	24*	6*	w.
Villas.	Baca.	3,935	21	-	-	-	-	-	-	-	0.00	- 0.49	0.00	0.0	0	26	4	Fred Jones.
Wayne.	El Paso.	-	1	-	-	-	-	-	-	-	T.	-	T.	0	22	8	David Konkel.	
Westcliffe.	Custer.	7,864	18	18.6	- 6.6	46	3-	- 19	26	58*	0.43	- 0.19	0.35	10.0	2	15h	6h	J. C. Groff.
Winfield.	Chaffee.	9,765	2	-	-	-	-	-	-	-	0.40	-	0.20	9.4	8	13	Zack Jordan.	
Woodman Sanatorium.	El Paso.	-	-	29.8	-	57	14-	- 1	6	41e	0.53	-	0.53	9.0	1	27b	0*	John G. Payne.
Wortman.	Lake.	11,250	11	-	-	-	-	-	-	-	1.25	- 2.74	0.20	26.0	10	4	14	George C. Wortman.
<i>New Mexico.</i>																		
Abbott.	Mora.	5,771	3	-	-	64	14-	- 10	71	-	0.14	-	0.14	2.0	1	26	2	Agent E. P. & S. W. R. R.
Albert.	Union.	4,700	22	35.4	- 3.0	70	14-	- 2	21	52	0.08	- 0.57	0.08	1.0	1	21	1	Martin De Smet.
Aurora.	Colfax.	8,849	3	-	-	-	-	-	-	-	0.48	-	0.24	7.5	4	9	1	Miss J. Lusero.
Bell Ranch.	San Miguel.	4,500	13	34.1	-	75	3-	- 10	7	54	0.25	- 0.19	0.25	3.0	1	16	11	C. M. O'Donel.
Black Lake.	Colfax.	8,348	3	-	-	-	-	-	-	-	0.07	-	0.05	2.0	2	22	8	Ralph T. Martinez.
Cabeza.	San Miguel.	5,406	3	-	-	64	1-	- 6	7	42	0.28	-	0.28	5.2	1	28	2	Agent E. P. & S. W. R. R. Do.
Campana.	do.	4,493	3	35.1	-	-	-	-	-	-	0.49	-	0.24	5.7	3	24	0	Alfred Lucero.
Chacon.	Mora.	9,000	3	-	-	-	-	-	-	-	0.11	-	0.09	2.5	2	23	5	William French.
Cimarron (near).	Colfax.	6,385	8	28.6	-	64	14-	- 1	23	53	0.11	-	0.09	2.2	2	23	8	John H. Barry.
Curio.	Curry.	4,129	1	35.0	-	67	15-	- 4	61	45	0.07	-	0.06	2.2	2	23	8	Agent E. P. & S. W. R. R. Do.
Cuervo.	Guadalupe.	4,849	3	36.0	-	62	14-	- 12	7	30	0.25	-	0.20	5.0	2	27	4	Agent E. P. & S. W. R. R. Do.
Dawson.	Colfax.	6,396	3	29.0	-	60	47-	- 6	11	42	0.18	-	0.10	2.6	2	9	11	Miss M. Carrington.
Elizabethtown.	do.	8,465	7	17.1	-	56	14-	- 20	7	52	0.02	-	0.02	1.2	1	22	8	David Rope.
Folsom.	Union.	6,399	12	29.4	- 0.1	65	14-	- 1	6	46	0.12	- 0.62	0.09	1.5	2	28	3	M. C. Needham.
Fort Union.	Mora.	6,835	27	27.4	- 6.0	59	14-	- 9	7	47	0.19	- 0.32	0.16	2.5	2	25	2	J. B. Dickson.
Hayden.	Union.	4,444	2	33.4	-	65	14-	- 2	21	45	0.25	-	0.22	3.5	2	18	12	W. H. Guthman.
Hoosier Ranch.	Mora.	-	-	-	-	-	-	-	-	-	0.09	-	0.09	1.5	1	25	4	A. J. Meloche, jr.
Johnson's Park.	Colfax.	6,722	3	-	-	-	-	-	-	-	T.	-	T.	0	25	6	J. W. Johnson.	
Johnson's Ranch.	Mora.	5,784	1	-	-	-	-	-	-	-	0.21	-	0.20	2.5	2	29	2	A. Kapus.
Kappus.	Quay.	4,010	1	-	-	-	-	-	-	-	0.50	-	0.50	3.0	1	-	-	Jesse Rickman.
Lake Alice.	Colfax.	7,160	3	-	-	-	-	-	-	-	0.08	-	0.04	1.8	2	10	17	John B. Reneau.
Logan.	Quay.	3,851	6	34.2	-	65	14-	- 2	7	58	0.35	-	0.27	4.0	2	29	0	J. G. Buchanan.
Lykins (near).	Roosevelt.	5,000	2	-	-	-	-	-	-	-	0.52	-	0.37	7.0	4	25	1	D. N. Jackson.
Maxwell (near).	Colfax.	5,894	5	-	-	-	-	-	-	-	0.19	-	0.13	3.5	2	-	-	Dr. B. M. Porter.
Melrose.	Curry.	4,400	4	-	-	-	-	-	-	-	0.33	-	0.20	5.0	4	-	-	Farmers Development Co.
Miami Ranch.	Colfax.	6,000	4	27.8	-	61	14-	- 11	7	48	0.23	-	0.12	5.5	2	24	7	J. E. La Rue.
Mills (near).	Mora.	5,985	1	-	-	-	-	-	-	-	0.10	-	0.10	1.5	1	24	5	Agent E. P. & S. W. R. R.
Montoya.	Quay.	4,335	3	-	-	-	-	-	-	-	-	-	-	0.40	5.5	2	24	E. F. Grygia.
Mount Dori (near).	Union.	5,600	1	-	-	-	-	-	-	-	-	-	-	0.20	4.0	2	28	Willard Belknap.
Nara Visa.	Quay.	4,225	6	-	-	-	-	-	-	-	0.16	-	0.16	2.0	2	27	0	G. R. Abernathy.
Palo Verde.	Mora.	5,880	1	-	-	-	-	-										

TABLE 1.—Climatological data for December, 1912. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.			Sky.	Prevailing wind direction.	Observers.					
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeted.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<i>Texas.</i>																				
Amarillo.....	Potter.....	3,676	20	33.6	-2.8	66	14	9	24	40	1.18	+0.35	0.70	11.4	4	24	5	2		
Archer City.....	Archer.....	1	—	—	—	—	—	—	—	—	0.83	0.51	2.0	4	18	11	2	nw.		
Arthur City.....	Lamar.....	590	20	—	—	—	—	—	—	—	—	-2.54	T.	0	0	10	2	19		
Bonham.....	Fannin.....	566	9	43.5	—	69	5	25	13	34	1.78	—	1.07	0	5	2	19	sw.		
Canadian.....	Hemphill.....	2,339	5	36.8	—	68	2	10	20	44	0.40	—	0.05	0.5	1	21 <sup>d</sup>	2 <sup>d</sup>	nw.		
Childress.....	Childress.....	1,889	19	—	—	—	—	—	—	—	0.10	-0.49	0.10	1.0	1	18	6	n.		
Chillicothe.....	Hardeman.....	1,406	4	—	—	—	—	—	—	—	0.64	—	0.30	3.0	3	—	—	George Baker.		
Clarendon.....	Donley.....	2,719	7	35.7	—	68	14	7	24	40	0.78	—	0.32	6.5	4	14	14	3	A. B. Connor.	
Clarksville.....	Red River.....	442	12	46.8 <sup>a</sup>	+1.7	73 <sup>c</sup>	5	25	13	32	3.70	-1.71	1.52	0	6	3 <sup>b</sup>	4 <sup>b</sup>	16 <sup>b</sup>	Whitfield Carthart.	
Claude.....	Armstrong.....	3,397	7	32.0	—	66	30	1	21	53	1.05	—	0.03	0.3	1	—	—	—	J. W. O'Neill.	
Dalhart.....	Dallam.....	3,998	7	—	—	—	—	—	—	—	1.70	-0.47	0.65	0.4	6	11	0	20	Ft. W. & D. C. Ry.	
Denison.....	Grayson.....	12	—	—	—	—	—	—	—	—	3.55	—	2.00	0	4	15	0	16	V. D. Griggs.	
Finley.....	Bowie.....	2	—	—	—	—	—	—	—	—	1.00	—	0.20	0	1	13 <sup>c</sup>	6 <sup>c</sup>	9 <sup>c</sup>	J. L. Wilson.	
Henrietta.....	Clay.....	915	20	43.8	+0.5	71	1	20	24	36	0.64	-0.39	0.30	1.5	3	19	1	11	Robert L. Smith.	
Memphis.....	Hale.....	2,067	7	42.8	—	67	11	22	23	24	0.20	—	0.20	2.0	1	—	—	—	C. K. Brown.	
Miami.....	Roberts.....	2,743	6	36.4	—	65	14 <sup>f</sup>	10	21	45	0.63	—	0.30	5.5	3	21	8	2	Ft. W. & D. C. Ry.	
Ochiltree.....	Ochiltree.....	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. E. Kinney.		
Panhandle.....	Carson.....	3,450	3	—	—	—	—	—	—	—	0.90	—	0.60	9.0	2	25	2	4	S. J. Allen.	
Paris.....	Lamar.....	592	23	42.6	-3.8	72	5	24	13 <sup>f</sup>	34	2.32	-0.06	1.15	T.	8	10	3	18	J. Sid O'Keefe.	
Plemons.....	Hutchinson.....	5	32.6	—	—	70	14	2	21	58	T.	—	0	24	4	3	3	n.	Robert A. Miller.	
Quanah.....	Hardeman.....	1,563	10	39.8	—	71	31	23	71	38	0.90	-0.44	0.45	2.5	2	21	3	7	C. S. Solomon.	
Ringo Crossing.....	Hopkins.....	2	—	—	—	—	—	—	—	—	3.16	—	1.40	0	6	13	1	17	William H. Crawford.	
Romero.....	Hartley.....	2	34.5	—	—	67	14	2	21	48	0.50	—	0.50	6.5	1	23	6	2	H. J. Palmer.	
Sherman.....	Grayson.....	745	19	44.2	-2.3	68	1	29	71	33	0.74	-1.06	0.45	T.	2	10	4	17	R. S. Chamberlain.	
Stratford.....	Sherman.....	3,699	7	33.0	—	59	19	6	21	48	0.00	—	0.00	0	0	23	7	1	R. A. Gibbs.	
Texline.....	Dallam.....	4,964	7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	J. W. Elliott.		
Tulia.....	Swisher.....	3,501	14	33.8	-4.0	68	14	4	7 <sup>f</sup>	47	1.07	+0.06	0.50	8.0	4	25	3	3	Pt. W. & D. C. Ry.	
Wellington.....	Collingsworth.....	—	—	—	—	—	—	—	—	—	0.78	—	0.40	6.0	3	—	—	—	Lou Mulhall.	
Wichita Falls.....	Wichita.....	953	20	—	—	—	—	—	—	—	3.92	—	1.75	0	6	10	9	12	J. D. Camp.	
Winfield.....	Titus.....	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	E. F. Mittmann.		
<i>Kansas.</i>																				
Alden.....	Rice.....	1,684	2	—	—	—	—	—	—	—	0.22	—	0.22	T.	1	26	3	2	Geo. Klady.	
Anthony.....	Harper.....	1,329	15	37.6	—	69	3	17	24	38	0.59	-0.26	0.41	T.	2	20	7	4	R. H. Beebe.	
Ashland.....	Clark.....	1,951	24	35.3	-0.3	66	4	7	24	51	0.03	-0.60	0.03	T.	1	26	5	0	C. W. Carson.	
Burlington.....	Coffey.....	1,010	19	35.6	+ 1.4	57	1 <sup>f</sup>	11	9	35	0.55	-0.80	0.35	T.	2	21	4	5	O. E. Sanford.	
Chanute.....	Neosho.....	940	8	37.6	—	59	1 <sup>f</sup>	13	9	37	1.12	—	0.92	T.	2	6	21	4	C. W. Brown.	
Cimarron.....	Gray.....	2,700	—	—	—	67	30	9 <sup>f</sup>	7	55 <sup>a</sup>	0.05	—	0.05	0.5	1	18 <sup>a</sup>	4 <sup>a</sup>	2 <sup>a</sup>	C. C. Isely.	
Coffeyville.....	Montgomery.....	747	2	—	—	64	5	—	—	—	1.03	—	0.56	0.5	3	16	9	6	A. F. Briggs.	
Coldwater.....	Comanche.....	2,090	15	36.4	+ 1.4	63	4	12	7	44	0.11	-0.57	0.11	0	1	27	4	0	J. L. Stanley.	
Columbus.....	Cherokee.....	895	22	36.5	+ 0.7	61	15	9	33	40	-1.97	0.32	0.3	T.	3	20	3	8	O. E. Skinner.	
Coolidge.....	Hamilton.....	3,348	15	30.6	+ 0.7	66	4	1	21	56	—	-0.29	0.00	0	0	21	10	0	W. R. Padley.	
Cottonwood Falls.....	Chase.....	1,234	8	35.2	—	60	1	12	9	35	0.95	—	0.70	0	2	21 <sup>a</sup>	3 <sup>a</sup>	6 <sup>a</sup>	E. B. Greene.	
Council Grove.....	Morris.....	1,234	3	35.9	—	58	1	11	12	36	0.73	—	0.70	T.	2	23 <sup>b</sup>	4 <sup>b</sup>	2 <sup>b</sup>	J. P. Blackledge.	
Cunningham.....	Kingman.....	1,680	28	35.9	+ 1.2	60	3 <sup>f</sup>	14	23	40	0.40	-0.30	0.40	T.	1	20	7	4	W. H. Morton.	
Dodge City.....	Ford.....	2,513	38	34.6	+ 3.0	66	14	13	23	43	T.	-0.56	T.	T.	0	23	8	0	U. S. Weather Bureau.	
El Dorado.....	Butler.....	1,291	10	35.7	—	58	1	13	21	31	0.81	—	0.57	0	2	22	7	2	W. Y. Miller.	
Ellinwood.....	Barton.....	1,790	37	35.4	+ 2.9	67	14	10	21	47	0.10	-0.61	0.10	T.	1	13	1	1	Martin Musil.	
Emporia.....	Lyon.....	1,138	31	36.0	+ 2.5	61	1	14	12	33	0.53	-0.56	0.27	T.	3	22	3	6	W. H. Boyles.	
Eureka.....	Greenwood.....	1,079	16	35.4	—	61	1	12	21	39	0.80	-0.06	0.80	T.	1	22	7	2	Mrs. T. C. Peffer.	
Fall River.....	do.....	925	16	37.0	+ 2.0	61	1	12	9 <sup>f</sup>	37	0.45	-0.37	0.35	T.	2	24	5	2	J. McDaniel.	
Fargo.....	do.....	2	—	—	—	—	—	—	—	—	—	—	—	0	0	29	2	0	N. B. Swink.	
Fredonia.....	Wilson.....	975	9	37.0	—	59	1 <sup>f</sup>	15	9	32	0.71	—	0.45	T.	4	23	1	7	B. W. Holmes.	
Garden City.....	Finney.....	2,836	23	33.0	+ 1.4	66	30	4	21	50	0.05	-0.57	0.05	0.5	1	19	11	1	B. F. Stocks.	
Great Bend.....	Barton.....	1,850	3	—	—	—	—	—	—	—	—	—	—	0.06	T.	1	21	8	2	I. Pritchard.
Greensburg.....	Kiowa.....	2,235	5	36.6	—	64	14	15	6 <sup>f</sup>	44	0.08	—	0.08	0	1	29	0	2	C. C. Raymond.	
Grenola.....	Elk.....	1,116	24	37.4	+ 2.6	61	1	13	9	35	0.86	-0.21	0.59	T.	2	21	5	5	W. H. Lawyer.	
Hess.....	Gray.....	6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	Harry Jacques.		
Howard.....	Elk.....	1,112	5	36.6	—	61	1	13	9	34	0.61	—	0.61	T.	1	22	1	8	J. W. Eby.	
Hutchinson.....	Reno.....	1,535	22	33.9	-1.1	65	4	10	21	30	0.36	-0.55	0.36	T.	1	24	5	5	Sheridan Plough.	
Independence.....	Montgomery.....	800	38	38.4	+ 2.5	61	1	15	9 <sup>f</sup>	34	0.91	-1.02	0.76	0.2	3	21	5	5	F. L. Kenoyer.	
Iola.....	Allen.....	984	6	35.6	+ 3.1	58	1	13	9	35	0.51	-0.42	0.41	0	3	19	8	4	U. S. Weather Bureau.	
Irene.....	Hamilton.....	3,440	2	32.2	—	67	5	1	24	56	0.02	—	0.02	0.2	1	22	8	1	N. M. Herbig.	
Jetmore.....	Hodgeman.....	2,268	11	—	—	68	4	8	21	47	T.	-0.49	—	0.24	0	12	18	1	nw.	
Kingman.....	Kingman.....	1,504	4	36.74	—	59	28	10	21	35 <sup>a</sup>	0.22	—	0.22	0	1	12	18	1	nw.	
La Crosse.....	Rush.....	2,061	10	34.5	—	67	13	8	12 <sup>f</sup>	49	T.	-0.46	T.	T.	0	17	10	4	sw.	
Lakin.....	Kearney.....	2,963	22	31.4	-0.1	66	30	1	21	56	T.	-0.48	T.	T.	0	24	7	0	Rodney Torrey.	
Larned.....	Pawnee.....	2,090	27	35.0	—	68	14	10	6	45	T.	-0.80	T.	T.	0	24	7	0	C. H. Longstreth.	
Lebo.....	Coffey.....	1,138	26	34.8	+ 0.8	58	1	15	9 <sup>f</sup>	34	0.64	-0.64	0.34	0	2	20	5	6	H. H. Wolcott.	
Le Roy.....	do.....	990	3	—	—	—														

TABLE I.—Climatological data for December, 1912. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmeasured.	Number of rainy days, 0.01 inch or more.	Number of partly cloudy days.	Number of overcast days.			
<i>Oklahoma.</i>																				
Ada.	Pontotoc.	1,001	4	41.3		68	1	18	24	33	1.32		0.48	5.0	4	15	8	s.	W. S. Creveling.	
Alva.	Woods.	1,350	7	37.6		61	1	14	24	39	0.35		0.20	0	2	19	11	n.	S. A. Stech.	
Apache.	Caddo.	1,255	2	39.2		66	1	13	24	41	0.84		0.52	2.0	4	18	11	nw.	G. D. Teeter.	
Arapaho.	Custer.	1,575	18	39.5 + 1.5		62	1	12	24	39	0.86	-0.05	0.55	1.5	4	17	2	0	J. C. Brower.	
Ardmore.	Carter.	872	10	43.5 + 1.1		70	1	22	24	37	1.39	-0.34	0.75	3.0	5	17	4	10	H. T. Nisbett.	
Bartlesville.	Washington.	687	4	40.2		64	1	17	8	33	0.84		0.57	2.0	3	25	2	4	Dr. A. P. Owens.	
Beaver.	Beaver.	2,500	15	34.5 - 0.4		65	4	9	21	43	0.00	-0.53	0.00	0	0	27	3	1	W. C. Frazer.	
Blackburn.		800	10																M. M. Rhodes.	
Cache.	Comanche.	1,350	6	38.1		67	1	13	12†	41	0.10		0.10	T.	1	19	7	2	n.	Mrs. Frank Rush.
Calvin.	Hughes.	713	7							1.77			0.80	6.0	4	13	0	13	s.	Thomas Purcell.
Chandler.	Lincoln.	865	10																Chas. L. Kern.	
Chattanooga.	Comanche.	1,150	6	40.2		71	7	11	21	41	1.20		0.76	3.0	3	20	5	6	s.	Squire Humble.
Chickasha.	Grady.	1,091	10	40.3 - 0.1		68	1	14	24	40	0.82	+ 0.06	0.43	2.0	3	25	3	3	n.	J. C. Good.
Cloud Chief.	Washita.	1,400	10	39.4 + 0.2		69	3	15	7	42	0.89	-0.33	0.49	3.3	4	20	7	4	s.	J. P. Stutzman.
Crawford.	Roger Mills.																		W. W. Blackburn.	
Durant.	Bryan.	643	10	42.0 - 0.5		68	1	24	13†	30	1.64	-0.32	0.76	1.0	7	11	9	11	ne.	Nelson Houk.
Eldorado.	Jackson.	1,456	5	39.8		65	19		37†	0.94			0.62	1.7	4	21	7	3	nw.	T. W. Lanham.
Elk City.	Beckham.																		R. J. Carlile.	
El Reno.	Canadian.	1,400	20																Rose E. Walker.	
Enid.	Garfield.	1,269	10	40.9 + 4.2		65	1	19	6	36	0.99	+ 0.36	0.65	0.2	4	23	7	1	s.	A. W. Hanes.
Erick.	Beckham.	2,058	7	38.7		70	14	11	24	53	0.40		0.28	3.0	3	23	6	2	s.	R. Uhl Brown.
Eufaula.	McIntosh.	566	12	39.2		68	15	15	24	38	0.75		0.43	3.0	4	17†	7*	4	s.	C. W. Prier.
Fairland.	Ottawa.	839	12	40.5 + 2.5		62	5	15	9	33	0.34	-1.43	0.27	T.	2	16	11	4	se.	John T. Welsh.
Fort Gibson.	Muskogee.	556	7							0.76			0.31	2.9	4	18	1	12	n.	B. B. Bradley.
Froderick.	Tillman.	1,293	5	41.4		68	1	18	12	44	0.57		0.20	2.5	5	17	8	6	nw.	O. P. Ruth.
Geary.	Blaine.	1,546	11	39.2		61	1	18	22	32	0.64		0.46	1.0	5	21	6	4	sw.	S. W. Black.
Goodwell.	Texas.	3,300	1	35.6		65	30	9	23	49	T.		T.	0	0	27	1	3	s.	S. E. Snyder.
Guthrie.	Logan.	1,000	19	38.7 + 0.2		67	1	16	7	39	0.75	-0.45	0.50	0.5	3	20	3	8	s.	A. L. Mordt.
Guymon.	Texas.	3,133	2							0.00			0.00	0	0	23	7	1	s.	Frank Webber.
Hartshorne.	Pittsburg.	700	13	43.2 + 4.3		67	5	16	24	38	0.66	-1.36	0.36	2.0	4	18	5	8	n.	C. H. Head.
Healdton.	Carter.	900	18	41.6 - 0.4		62	1	11	24	50	1.15	-1.82	0.65	2.0	3	11	14	6	n.	J. G. McCall.
Helena.	Alfalfa.	1,396	4	38.9		68	2	18	22	42	0.44		0.35	0	3	16	13	1	n.	Mrs. M. C. Parks.
Hennessey.	Kingfisher.	1,166	17	39.8 + 0.5		64	1	21	2	37	0.74	-0.32	0.50	1.0	3	13	13	1	s.	J. M. McCall.
Hobart.	Kiowa.	1,396	9	40.4		64	16†	18	43	1.04		0.64	2.2	4	15	13	3	n.	Eula L. Rutherford.	
Holdenville.	Hughes.	900	11																H. N. Kelly.	
Hooker.	Texas.	3,038	6	34.0		69	14	4	21	53	T.		T.	0	0	21	2	8	n.	Dr. C. W. Meyers.
Hurley.	Cimarron.	4,200	4	32.2		60	6		48†	T.		T.	T.	0	16	14	1	1	sw.	M. L. Henderson.
Idabel.	McCurdy.	474	3																T. E. Beck.	
Jefferson.	Grant.	1,062	18	37.4 + 0.6		64	1	15	22	38	0.91	+ 0.09	0.77	0	2	22	4	5	s.	Wm. H. Guy.
Kenton.	Cimarron.	4,000	11	32.2 - 3.3		67	14	0	21	55	0.05	-0.29	0.05	0.5	1	19	11	1	n.	J. C. Cross.
Kingfisher.	Kingfisher.	1,046	15																F. C. Davis.	
Lawton.	Comanche.	1,111	41.1			65	1	13	17	43	1.21		0.61	2.5	3	20	10	1	n.	Wm. Noble.
McAlester.	Pittsburg.	698	15	42.4		65	17	20	24	33	1.27	-1.18	0.90	7.0	4	18	1	12	n.	F. D. Dodson.
Mangum.	Greer.	1,585	19	38.6 - 3.4		67	1	16	24†	41	0.65	-0.33	0.25	4.0	3	14	7	10	ne.	Wm. B. Anthony.
Marlow.	Stephens.	1,292	11	39.8 - 0.5		61	17	17	24	36	0.76	-0.18	0.34	4.0	3	17	11	3	s.	G. C. Gray.
May.	Harper.			35.3		69	15	5	21	55	T.		T.	0	0	26	0	5	n.	Dr. J. H. Baugh.
Meeker.	Lincoln.	1,030	18	38.2 - 1.0		69	1	17	6†	34	0.25	-1.08	0.15	1.5	2	21	3	7	s.	J. Harry Randall.
Muskogee.	Muskogee.	614	13	40.9 - 0.8		69	1	18	9	37	0.45	-1.45	0.28	2.0	2	16	6	8	n.	Thos. Martin.
Mutual.	Woodward.	4	37.0			68	14	12	21†	48	0.00		0.00	0	0	28	1	2	se.	R. N. Schooling.
Neola.	Caddo.	1,500	6	38.8		66	1	9	24	43	0.41		0.23	2.5	3	16	13	2	se.	P. H. Albright & Co.
Newkirk.	Kay.	1,149	14	37.8 + 1.2		60	1†	18	27	30	0.40	-0.55	0.40	1.7	3	17	8	6	s.	S. E. Boyd.
Norman.	Cleveland.	1,171	17	39.4 - 0.3		66	1	16	24	39	1.02	-0.30	0.61	3.0	3	17	8	6	s.	J. E. Walker.
North Muskogee.	Muskogee.									0.62			0.34	1.7	3	17	0	14	n.	Dr. F. P. Osborn.
Oakwood.	Dewey.	1,854	2	37.2		60	1	12	7	48	0.83		0.62	1.0	3	20	7	4	n.	R. C. Block.
Okeene.	Blaine.	1,194	7	37.6		64	1	18	7†	35	0.93		0.76	0.5	3	22	9	0	n.	S. E. Laird.
Okeahoma.	Oklahoma.	40.4				65	2	20	8†	39	0.75		0.40	3.5	2	23	0	8	n.	Roy Kagay.
Oklahoma.	Oklahoma.	1,247	22	39.0 + 0.4		65	1	21	23	33	0.62	-1.12	0.32	1.6	5	15	11	5	s.	R. G. Guptaill.
Omulgee.	Omulgee.	752	7	44.6		72	14	14	24	44	0.40		0.40	4.0	4	21	6	4	s.	J. L. Maynard.
Pauls Valley.	Garvin.	880	11	39.4 - 2.2		68	1	10	24	42	1.21	-0.08	0.59	1.0	3	10	18	3	s.	A. M. Foss.
Pawhuska.	Osage.	918	11	40.7 + 2.5		69	1	15	9†	35	0.20	-1.23	0.18	2.2	6	20	10	1	s.	R. C. Swindler.
Perry.	Noble.	920	13	40.0 + 1.9		65	1	18	7†	33	0.35	-0.72	0.32	9.3	2	21	9	1	s.	Eugene Forbes.
Rankin.	Roger Mills.	2,200	8	37.0		67	14	6	21†	47†	0.37		0.20	0.7	3	24	6	1	s.	B. D. Boulineau.
Ravia.	Johnston.	796	9	40.8		69		14		46†	1.53		0.75	3.0	4	19*	0*	11*	s.	John F. De Jarnette.
Sac and Fox Agency.	Lincoln.	900	18	41.2 + 1.5		67	16		35†	0.55	-1.43	-0.37	0.8	4	5*	24*	2*	nw.	R. A. Boyle.	
Shawnee.	Pottawatomie.	1,041	10	38.4 - 1.2		68	1	19	9	37	0.89	-0.15	0.47	2.5	4	14	3	5	n.	Henry Hicks.
Snyder.	Kiowa.	1,356	5	40.2		67	1	14	24	40	0.44	-0.23	1.00	2.0	3	18	8	5	n.	Dr. W. C. Woodard.
Stillwater.	Payne.	880	19	39.0 + 0.2		62	1	8	7	40	0.75	0.39	0.37	2.8	3	20	8	3	n.	Will P. Watson.
Tulsa.	Tulsa.	700	23	40.6		64	1	17	9	35	0.67	-1.02	0.39	0.5	5	19	10	2	s.	Dr. H. M. Hutchinson.
Vinita.	Craig.	598	8										0.30	0	1	16	5	0	w.	W. C. Chamberlain.
Wagoner.	Wagoner.	588	15	39.6 + 1.1		64	1	15	9	36	0.75	-0.69	0.45	3.0	2	1				

TABLE I.—Climatological data for December, 1912. District No. —Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days, 0.01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.				
<b>Missouri—Continued.</b>																						
Marble Hill.	Bollinger.	420	21	36.8	+ 0.9	65	1†	10	9†	40	0.72	- 2.57	0.50	0.2	4	19 <sup>a</sup>	7 <sup>a</sup>	4 <sup>a</sup>	s.	A. F. Hendrix.		
Mountaintrove.	Wright.	1,490	14	38.5	+ 3.9	65	5	10	9	40	0.52	- 1.77	0.52	0	1	12	9	10	nw.	Mo. Fruit Exp. Station.		
Mount Vernon.	Lawrence.	1,480	35	37.6 <sup>b</sup>	+ 0.8	65	5	12	9†	33	0.38	- 2.30	0.28	0	2	12 <sup>a</sup>	1 <sup>a</sup>	5 <sup>a</sup>	nw.	J. R. White & Son.		
Neosho.	Newton.	1,023	30	38.2	+ 1.7	64	5	12	9†	33	0.59	- 2.09	0.47	0	2	20	0	11	nw.	W. O. Buck.		
New Madrid.	New Madrid.	285	19	39.2	+ 4.6	69	5	9	12	33	0.43	- 1.67	0.22	0.3	2	18	7	6	w.	Miss Josie Smith.		
Oakfield.	Franklin.	793	21	39.2	+ 4.6	69	5	9	12	33	0.43	- 2.41	0.62	4.5	6	19	1	11	s.	E. E. Steimes.		
Olden.	Howell.	1,246	23	38.8	+ 1.8	70	5	11	9†	45	0.12	- 2.58	0.12	0	1	17	8	8	nw.	J. D. Evans.		
Rolla.	Phelps.	1,139	32	38.0	+ 5.0	59	1	9	9†	34	0.16	- 2.23	0.08	T.	3	21	3	7	sw.	Prof. P. J. Wilkins.		
Springfield.	Greene.	1,350	24	36.6	+ 1.1	63	5	14	9	41	0.26	- 2.41	0.13	T.	2	18	4	9	s.	U. S. Weather Bureau.		
<b>Kentucky.</b>																						
Blandville.	Ballard.	445	31	39.4	+ 2.6	64	5	15	9	31	2.14	- 1.81	0.71	5.2	9	17	2	12	nw.	E. W. Horr.		
<b>Tennessee.</b>																						
Arlington.	Shelby.	30	25	39.3	+ 1.3	65	4†	14	13	34	5.03	+ 1.70	1.56	T.	10	10	4	17	n.	A. Thomas B. Etheridge.		
Bolivar.	Hardeman.	450	25	39.3	- 0.3	64	1†	17	13	32	4.16	- 2.76	0.96	T.	10	11	2	18	n.	Miss Mary A. Smith.		
Brownsville.	Haywood.	361	27	39.8	- 0.6	65	5	17	13†	34	1.90	- 2.06	0.80	0	8	18	0	13	n.	Miss Hattie N. Moses.		
Covington.	Tipton.	311	25	41.4	- 0.6	65	5	20	13†	36	3.25	- 1.06	1.50	2.0	4	18	0	13	se.	James S. Ruffin.		
Dyersburg.	Dyer.	310	29	39.5	- 2.3	65	5	20	13†	36	3.25	- 1.06	1.50	2.0	4	18	0	13	se.	Miss Martha Sinclair.		
Jackson.	Madison.	450	19	42.0	+ 0.9	69	4	15	13	31	4.84	0.00	1.15	T.	6	6	1	17	s.	Shelby A. Robert.		
Kenton.	Obion.	325	10	39.6	- 0.1	66	1	11	13†	36	3.29	- 2.29	0.70	5.0	11	17	0	14	n.	George S. Martin.		
Memphis.	Shelby.	409	41	43.1	- 0.4	67	5	22	9	26	3.00	- 1.38	1.34	0.2	11	12	4	15	s.	U. S. Weather Bureau.		
Milan.	Gibson.	440	29	38.8	- 1.3	67	16	14	13†	41	4.46	+ 0.87	0.86	7.0	8	11	3	17	n.	Orlando F. Cantwell.		
Trenton.	do.	345	29	40.2	+ 0.6	67	1	13	13	36	2.35	- 2.05	0.54	4.0	7	17	2	12	sw.	F. L. Dennison.		
Union City.	Obion.	360	14	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....			
<b>Arkansas.</b>																						
Alicia.	Lawrence.	8	43.1 <sup>a</sup>	66	5	14	13	36 <sup>a</sup>	1.12	0.50	4.2	3	.....	.....	.....	.....	.....	.....	sw.	McCullough & Guelck.		
Amity.	Clark.	250	20	42.8	- 0.3	70	5	18	13	40	1.73	- 2.14	1.20	0.5	3	11	10	10	sw.	J. W. Campbell.		
Arkadelphia (near).	do.	250	5	44.0	.....	71	5	20	13	35	4.96	1.98	T.	8	13	2	16	sw.	J. A. Ross.			
Arkansas City.	Desho.	145	29	.....	.....	.....	.....	.....	.....	.....	6.06	+ 1.77	1.70	0	12	.....	.....	.....	.....	.....		
Batesville.	Independence.	271	7	20	41.6	- 1.7	70	15	12	25	43	1.80	- 1.68	1.00	6.0	4	13	5	13	.....	Lelia I. Teter.	
Bee Branch.	Van Buren.	283	5	40.8	.....	70	5	17	13	41	3.21	1.98	0	4	9	10	12	12	s.	J. E. Scanlan.		
Benton.	Benton.	1,303	20	38.0	+ 0.5	64	5	14	9	41	0.29	- 2.47	0.26	0.3	2	16	9	6	s.	P. B. Jackson.		
Bergman.	Boone.	1,324	15	40.0	+ 3.3	70	5	13	9	35	0.55	- 1.97	0.39	3.0	2	17	4	10	se.	John T. Maxey.		
Black Rock.	Lawrence.	259	8	.....	.....	.....	.....	.....	.....	.....	1.04	0.31	3.0	7	.....	.....	.....	.....	.....	.....		
Brinkley.	Monroe.	226	26	42.8	- 1.5	67	17	14	13	36	2.76	- 1.80	1.71	T.	6	15	1	15	.....	S. J. Howe.		
Calico Rock.	Lizard.	361	8	42.8	.....	67	5	18	13	40	0.60	0.30	4.0	3	.....	.....	.....	.....	.....	.....		
Camden.	Ouachita.	158	27	43.9	- 1.9	72	5	19	13	43	4.73	+ 0.19	1.98	T.	13	.....	.....	.....	.....	.....		
Centerpoint.	Howard.	470	12	44.4	- 0.9	71	5	21	13	38	2.55	- 1.94	1.45	T.	3	11	4	16	ne.	R. K. Quarterman.		
Clarendon.	Monroe.	171	8	.....	.....	.....	.....	.....	.....	.....	3.10	1.05	T.	10	6	16	4	11	.....	J. M. Huddleston.		
Conway.	Faulkner.	309	29	41.0	- 1.4	70	5	18	13	38	2.30	- 1.60	1.05	2.0	6	16	4	11	e.	Mrs. B. E. Bishop.		
Corning.	Clay.	293	20	40.8	+ 3.0	70	4	11	24	36	1.09	- 2.45	0.45	3.5	7	.....	.....	.....	.....	.....		
Dardanelle.	Yell.	330	26	40.8 <sup>a</sup>	.....	74	5	17	13	38 <sup>a</sup>	0.68	- 2.45	0.60	6.0	3	.....	.....	.....	.....	.....		
Dodd City.	Dodd City.	1,175	31	39.2	- 0.3	71	6	12	9	49 <sup>a</sup>	0.40	- 2.60	0.40	2.0	1	.....	.....	.....	.....	.....		
Dumas.	Desho.	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.27	2.30	T.	10	12	12	7	.....	.....	Lawrence Waterman.		
Dutton.	Madison.	10	36.9	.....	65	5	8	9	34 <sup>a</sup>	1.24	0.57	4.0	4	4	15	1	15	15	15	15	J. M. Ricketts.	
Eldorado.	Union.	265	8	43.8	.....	71	17	25	24 <sup>a</sup>	33	4.84	1.97	0	11	6	16	1	16	16	16	16	Jeff J. Babb.
England.	Lonoke.	6	44.3	.....	76	19	16	13	54 <sup>a</sup>	3.03	1.60	2.0	6	6	16	1	16	16	16	16	J. C. Chenault.	
Eureka Springs.	Carroll.	1,465	10	41.0	+ 2.5	72	5	12	9	38	0.35	- 1.82	0.12	2.0	3	14	9	8	sw.	George W. Nicholds.		
Fayetteville.	Washington.	1,451	23	39.2	- 0.2	63	5	15	9	36	0.75	- 2.06	0.37	2.0	2	16	10	11	s.	University of Arkansas.		
Fordyce.	Dallas.	442	24	44.2	- 0.8	68	5	21	13	35	4.68	2.00	T.	8	10	10	11	11	s.	J. B. Atkinson.		
Fort Smith.	Sebastian.	481	30	41.2	- 0.5	68	5	21	9	36	0.49	- 2.39	0.32	2.1	2	13	6	10	s.	U. S. Weather Bureau.		
Fraziers Turnpike.	Pulaski.	264	8	.....	.....	.....	.....	.....	.....	.....	2.42	1.82	0	3	6	10	15	15	15	s.	R. E. Brown.	
Fulton.	Hempstead.	264	8	.....	.....	.....	.....	.....	.....	.....	4.09	2.00	0	6	6	10	15	15	15	15	B. C. Logan.	
Georgetown.	White.	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.26	2.15	T.	7	.....	.....	.....	.....	.....	.....	C. A. Caywood.	
Hardy.	Sharp.	643	14	40.0	+ 1.4	71	5	14	9	35	1.04	- 2.25	0.48	3.0	6	10	9	12	sw.	J. B. McLeod.		
Helena.	Phillips.	182	27	41.2	- 3.9	67	5	13	13†	33	3.83	- 1.21	1.11	0.2	9	9	15	10	6	ne.	Army and Navy Gen. Hosp.	
Hot Springs.	Garland.	600	20	44.0	- 0.4	65	5	22	13	34	3.76	- 0.62	2.20	0	8	23	9	14	14	14	C. A. Berry.	
Huttig.	Union.	85	5	46.2	.....	72	17	23	19	39 <sup>a</sup>	5.87	2.00	0	14	6	12	5	14	14	14	Benedictine Sisters.	
Jonesboro.	Craighead.	345	17	41.4	+ 0.4	65	5†	15	13	35	1.07	- 3.49	0.45	4.5	4	10	12	9	14	14	J. A. Lowderback.	
Junction.	Union.	19	44.9	- 0.7	68	1	25	23	31	2.94	- 1.09	0.76	2.31	T.	8	23	1	14	14	14	14	G. L. Spellman.
Lake Farm.	Jefferson.	195	5	43.4 <sup>a</sup>	.....	68	19	18	13	37 <sup>a</sup>	4.51	2.21	0	10	14	4	13	13	13	13	F. W. Youmans.	
Lewisville.	Lafayette.	262	9	44.0	.....	72	5	21	13†	42	4.82	1.50	0	10	9	12	6	13	13	13	13	U. S. Weather Bureau.
Little Rock.	Pulaski.	357	34	43.3	- 0.2	68	5	23	9	31	2.22	- 2.02	1.56	T.	9	23	0	8	6	13	13	W. R. Hentschel.
Lutherville.	Johnson.	775	15	40.4	- 0.5	70	5	18	9†	36	1.44	- 2.24	1.03	4.0	3	17	8					

TABLE 1.—Climatological data for December, 1912. District No. 7—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.				
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
<b>Mississippi—Contd.</b>																				
Big Creek.	Calhoun.	1	43.5		66	4†	24	13†	33*	7.15	2.75	0.1	12	10	6	15	n.			
Canton.	Madison.	228	22	48.2	-0.2	72	3	27	28	32	1.98	+ 4.57	0	17	...	...	se.			
Charleston.	Tallahatchie.	12	48.3		75	6	20	19	45	7.14	1.95	0	11	7	7	17	n.			
Clarksdale.	Coahoma.	177	5	42.5		70	5	21	13†	35†	6.25	1.54	T.	11	12	13	0	s.		
Cleveland.	Bolivar.	160									7.72	1.83	T.	11	11	11	18	s.		
Coffeeville.	Yalobusha.	241	3								10.04	1.74	0	11	17	6	8	s.		
Corinth.	Alcorn.	470	24	41.0	-1.7	66	5†	18	13	37	9.50	+ 4.02	1.89	T.	11	11	2	18	s.	
Crenshaw.	Panola.	187	3								4.51	1.90	0	6	11	10	10	n.		
Duck Hill.	Montgomery.	13	44.4	-1.0	69	17	24	20†	34†	10.04	+ 5.64	2.24	0	11	7	9	15	s.		
Edwards.	Hinds.	222	25	49.1	-0.4	72	1†	26	28	3	11.80	+ 6.82	1.90	0	16	10	10	11	n.	
Fayette.	Jefferson.	270	11	49.5	-0.7	72	17	24	25	35	12.82	+ 7.85	2.39	0	13	8	8	15	nw.	
Greenville.	Washington.	126	25	44.5	-2.2	71	5	26	28	34	7.55	+ 3.02	1.74	0	13	12	3	16	s.	
Greenwood.	Leflore.	140	12	44.4	-0.8	68	5†	26	25†	34	8.61	+ 2.82	1.67	0	14	9	8	14	se.	
Grenada.	Grenada.	124	3															E. A. Jones.		
Hernando.	De Soto.	391	24	42.4	-0.5	71	5	19	13	33	4.46		1.88	0	11	13	5	13	s.	
Heckory Flat.	Benton.	435	3								6.15		2.10	0	10	5	20	6	n.	
Holly Springs.	Marshall.	600	25	40.4	-3.2	66	5	20	13	30	6.49	+ 1.36	1.73	T.	11	11	6	14	se.	
Kosciusko.	Attala.	430	22	45.4	-2.0	70	3	24	25†	37	9.49	+ 5.17	1.75	0	15	13	10	8	s.	
Malone.	Marshall.	3									7.50							M. J. Wilkins.		
Marks.	Quitman.	163	3															T. P. Banister.		
Natchez.	Adams.	206	24	46.1	-4.5	73	2	26	30	25	15.34	+ 9.93	3.40	0	14	13	2	16	ne.	
New Albany.	Union.	398	3															F. L. Garrity.		
Pontotoc.	Pontotoc.	475	23	43.6	-1.7	66	5	23	12	28	7.68	+ 3.07	1.35	0	10	5	18	8	se.	
Port Gibson.	Clayborne.	116	24	46.4	-2.4	70	1†	24	25	38	13.21	+ 8.14	2.20	0	14	7	4	20	e.	
Rosedale.	Bolivar.	143	4	42.2		68	1†	20	13	42	5.80		1.80	T.	12	7	1	23	nw.	
Senatobia.	Tate.	254	3															C. Brickell.		
Shoaloe.	Madison.	9	48.1		71	3	27	28	31	9.41	+ 5.01	2.70	0	13	11	3	17	se.		
Suffolk.	Franklin.	11	50.6	+ 1.1	73	3†	26	28	30	11.63	+ 6.70	0	16	7	8	16	nw.			
Swan Lake.	Tallahatchie.	148	7								7.56		1.70	T.	10	14	5	12	se.	
Tchula.	Holmes.	130	7	46.8		70	5†	26	25	30	11.04		1.80	0	15	3	13	15	n.	
University.	Lafayette.	502	19	44.0	-0.9	65	5	19	13	25†	7.74	+ 2.62	2.47	0	16	6	5	20	ne.	
Utica.	Hinds.	287	8	49.0		73	3	25	28	34	11.36		2.40	0	16	6	2	21	se.	
Vicksburg.	Warren.	247	41	49.0	-0.4	70	17	33	19	24	10.94	+ 5.92	2.38	T.	16	8	2	19	U. S. Weather Bureau.	
Water Valley.	Yalobusha.	300	23	44.2	-1.7	66	5†	21	13	32	9.03	+ 4.17	2.20	T.	10	14	3	14	Miss Loula Erikson.	
Woodville.	Wilkinson.	560	19	51.1	+ 0.2	74	1†	31	29	17	4.0	+ 11.93	4.91	0	19	12	6	13	James E. Lee.	
Yazoo City.	Yazoo.	116	18	46.2	-1.1	74	3	26	28	32	11.09	+ 6.03	1.73	0	14	13	1	17	W. H. Courts.	
<b>Louisiana.</b>																				
Abbeville.	Vermilion.	18	24	53.9	0.0	78	1†	32	28	27	13.86	+ 9.33	2.50	0	14	8	8	15	C. J. Edwards.	
Alexandria.	Rapides.	77	24	48.6	-1.3	70	1†	28	25	32	12.83	+ 7.57	2.30	0	13	6	3	22	Nellie Graham.	
Amite.	Tangipahoa.	130	24	53.0	+ 1.4	73	4	28	19	36	15.44	+ 10.56	3.50	0	11	9	20	2	Lulu M. Wentz.	
Antioch.	Claiborne.	45	5			77	5†	23	25	37†	6.31		1.50	0	14	12	0	19	W. L. Anglin.	
Avoca Island.	St. Mary.	9	1								11.21		1.50	0	14	10	3	18	J. N. Pharr & Sons (Ltd.).	
Baton Rouge.	East Baton Rouge.	60	24	53.5	+ 1.0	77	3	32	28	30	17.59	+ 12.35	2.15	0	16	10	2	19	e.	
Burnside.	Ascension.	20	12	55.0	+ 1.4	75	3†	32	19†	32†	14.64	+ 9.19	3.25	0	15	10	1	20	C. S. McFarland.	
Burwood.	Plaquemines.	1	24	59.8	+ 1.3	72	8†	4	45	20†	24	8.83	+ 3.92	2.22	0	11	9	8	14	Graham Myers.
Cades.	St. Martin.	2	24	54.2	-0.8	80	1	30	19†	31	15.68		3.10	0	15	9	11	11	C. E. Smedes.	
Caldoun.	Ouachita.	180	24	48.8	-0.5	77	1	22	26	39	7.81	+ 3.13	3.34	0	12	13	1	11	North Louisiana Expt. Sta.	
Cameron.	Cameron.	6	19	50.6	-4.2	73	4†	28	13†	34	14.95	+ 11.59	2.34	0	16	8	9	14	Adolph Bruckert.	
Carrollton.	Orleans.	7	1	54.8		78	4	32	20†	34	11.88		2.72	0	17	12	0	19	Loyola College.	
Cheneville.	Rapides.	67	24	52.4	+ 2.2	76	5	30	19†	38	15.10	+ 10.02	2.55	0	11	7	1	23	Walter I. Tanner.	
Cinclare.	W. Baton Rouge.	2	24	53.2		81	4	30	27	30	20.05		3.90	0	15	9	3	19	Cinclare Central Factory.	
Clinton.	East Feliciana.	113	24	52.0	+ 0.6	76	4	28	28	33	13.00	+ 8.04	3.25	0	14	7	9	15	John A. White.	
Collinston.	Morehouse.	65	11	47.4	+ 0.8	82	2	23	19†	40	9.03	+ 2.06	1.38	0	12	6	8	17	John B. Reilly.	
Columbia.	Caldwell.																	H. W. Blanks.		
Covington.	St. Tammany.	39	20	52.4	+ 1.1	74	4	29	28†	35	11.85	+ 7.22	1.60	0	12	3	1	27	Cecile P. Champagne.	
Dodson.	Winn.	3	47.8		71	17	26	25	34	9.86		1.80	0	12	7	6	18	J. P. Lucas.		
Donaldsonville.	Ascension.	33	24	55.2	+ 0.8	78	1†	35	15	37	20.03	+ 23.12	5.50	0	14	8	1	22	John F. Park.	
Dutchtown.	do.	1									14.95		3.00	0	13	2	12	17	Picard & Geismar (Ltd.).	
Farmerville.	Union.	177	24	42.6	-4.7	70	6	24	19†	47†	7.30	+ 2.40	1.80	0	10	3	5	23	W. P. Chandler.	
Ferriday.	Concordia.	5																C. L. Achor.		
Franklin.	St. Mary.	10	26	54.8	+ 1.3	82	1	32	14†	37	15.18	+ 10.52	3.18	0	18	6	8	17	J. M. Bonney.	
Franklinton.	Washington.	2	52.7		75	4	32	25	31	15.45		3.90	0	14	6	16	15	n.		
Grand Cane.	De Soto.	302	18	39.2	-8.9	66	17	16	28	37	6.41	+ 1.90	1.31	0	11	6	3	22	G. Foster Provost.	
Grand Coteau.	St. Landry.	93	24	54.8	+ 1.0	79	1	31	28	27†	12.80	+ 7.97	0					St. Charles College.		
Gueydan.	Vermilion.	41	20	54.4		76	1†	34	12	30	11.50		3.25	0	13	6	13	12	White Lake Land Co.	
Hammond.	Tangipahoa.	44	20	54.0	+ 2.0	74	4	29	28	35	14.05	+ 9.90	2.40	0	12	13	4	14	C. C. Carr.	
Houma.	Terrebonne.	24	54.0	-0.5	80	4	30	27	35	10.05	+ 5.74	2.40	0	12	12	0	19	J. M. Foote.		
Jena.	La Salle.	1	49.2		74	17	26	19†	37	11.21		2.00	0	11	9	13	13	J. M. Wilbanks.		
Jennings.	Calcasieu.	30	15	52.6	+ 0.5	78	1†	33	18†	30	17.10	+ 12.04	4.75	0	12	6	10	15	J. F. Buch.	
Laark.	Morehouse.	37.5				60	4†	19	9	25†	5.70		1.10	0	9	11	0	20	P. M. Dowley.	
Lafayette.	Lafayette.	36	24	53.8	+ 0.7	82	1	30	28	33	15.74	+ 11.34	3.90	0	18	4	6	21	J. J. Davidson.	
Lake Charles.	Calcasieu.	22	24	56.2	+ 3.3</															

TABLE 1.—*Climatological data for December, 1912. District No. 7—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.						Sky.	Number of cloudy days.	Number of cloudy days.	Prevailing wind direction.	Observers.
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmelted.	Number of rainy days, 0.01 inch or more.	Number of clear days.				
<i>Louisiana—Continued.</i>																				
Reserve.	St. John Baptist	11	54.3 + 1.5	90	16	29	20	57	10.71	+ 6.03	2.10	0	11	15	5	11	nw.	Leon Godchaux Co. (Ltd.).		
Richland Plantation.	Rapides.	50.0	72	18	31	19	27	11.14	.....	2.57	0	14	12	5	14	A. B. Pendleton.				
Robeline.	Natchitoches.	147	47.2 + 0.6	75	1	24	28	38	9.45	+ 5.58	1.40	0	13	11	1	19	Ruby McCook.			
Ruston.	Lincoln.	312	46.4 - 1.6	72	17	28	8†	36	6.58	+ 1.94	1.30	0	9	17	0	14	Andor M. Larson.			
St. Francisville.	West Feliciana.	115	50.6	75	2	29	28	27	16.97	.....	4.12	0	16	4	9	18	G. W. Newman.			
Schriever.	Terrebonne.	17	54.6 + 0.3	82	1	32	19†	37	10.35	+ 5.94	2.90	0	11	8	2	21	William H. Gautreaux.			
Shreveport.	Caddo.	249	46.6 - 2.3	71	17	30	27	27	4.77	+ 0.40	1.50	0	13	8	7	16	U. S. Weather Bureau.			
Simmesport.	Avoyelles.	42	6	.....	.....	.....	.....	.....	14.21	.....	2.70	0	15	2	0	29	se.			
South University Farm.	Jefferson.	15	.....	.....	.....	.....	.....	.....	10.62	+ 4.71	2.70	0	15	9	5	11	C. T. Leigh.			
Sugartown.	Calcasieu.	19	52.0 + 0.2	71	5	28	12	29	11.56	+ 7.17	2.64	0	11	1	12	18	F. L. St. Martin.			
Tallulah.	Madison.	91	46.0	72	18	22	25	32	10.46	.....	2.10	0	13	.....	.....	.....	G. W. Richardson.			
Walker.	Livingston.	2	52.2	82	1	29	18†	45	16.00	.....	2.30	0	14	7	8	16	Neal T. Halt.			
Wimnboro.	Franklin.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	H. C. Fondren.			
																	J. C. Carlton.			

\*, †, ‡, etc., indicates respectively 1, 2, 3, etc., days missing from the record.

\*\* Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.

† Also on other dates.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for December, 1912. District No. 7, Lower Mississippi Valley.*

TABLE 2.—*Daily precipitation for December, 1912. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for December, 1912. District No. 7—Continued.*

TABLE 2.—*Daily precipitation for December, 1912. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																													Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<i>Kentucky.</i>																																	
Blandville.....	Mississippi.....	.05	.22	.....	.....	.55	T.	.....	T.	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.14	
<i>Tennessee.</i>																																	
Arlington.....	Mississippi.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.03		
Bolivar    .....	do.....	1.56	.....	.23	.29	.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.16		
Brownsville    .....	do.....	.95	.....	.01	.25	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.90		
Covington    .....	do.....	.....	.....	.....	.....	.35	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.25		
Dyersburg    .....	do.....	.....	.....	.55	.....	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.84		
Jackson.....	do.....	1.15	.....	.28	.63	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.29		
Kenton.....	do.....	T.	.62	.15	.61	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.00		
Memphis.....	do.....	.32	.04	T.	.02	.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.46		
Milan    .....	do.....	.86	.....	T.	.60	.68	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.35		
Trenton.....	do.....	.54	.....	.32	.44	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
Union City.....	do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....		
<i>Arkansas.</i>																																	
Alicia.....	White.....	.50	.....	.....	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.12		
Amity.....	Ouachita.....	.....	.....	.03	.29	T.	.....	.50	.....	.78	.....	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.73		
Arkadelphia (near).....	do.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.96		
Arkansas City    .....	Mississippi.....	1.00	.....	.60	.50	.....	.....	.02	.02	.....	.....	.36	.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	6.06			
Batesville    .....	White.....	.12	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.69		
Bee Branch.....	Arkansas.....	.10	.....	.....	.....	.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.80		
Benton    .....	Ouachita.....	.20	.....	.....	.....	T.	.....	.....	.....	.....	.....	.56	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.21		
Bentonville.....	Arkansas.....	.26	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.29		
Bergman.....	White.....	.16	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.55		
Black Rock    .....	do.....	.09	.....	.....	.....	.20	.....	.....	.....	.....	.....	.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.04			
Brinkley    .....	do.....	.30	.....	.11	.12	.....	.....	.....	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.76			
Calico Rock    .....	do.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.60			
Camden    .....	Ouachita.....	.85	.....	.07	.07	.02	.....	.26	T.	.16	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.73			
Centerpoint.....	Red.....	T.	T.	.....	.....	.14	.....	T.	.....	.....	.....	.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.55		
Clarendon    .....	White.....	.50	.....	.10	.14	.....	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.10		
Couway.....	Arkansas.....	.08	.....	.....	.....	.03	.....	.13	.....	.....	.....	.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2.30			
Corning.....	White.....	.03	.06	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.09		
Dardanelle    .....	Arkansas.....	.04	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.68		
Dodd City.....	White.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.40		
Dumas.....	Arkansas.....	.65	.....	.25	.52	.....	.....	.43	.....	.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	5.27			
Dutton.....	White.....	.57	.17	.10	T.	.....	.....	.25	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.24			
Eldorado    .....	Ouachita.....	.45	.....	.25	.18	.....	.....	.32	.....	.29	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.84			
England    .....	Arkansas.....	.25	.....	T.	.20	.....	.....	.45	.....	.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.03			
Eureka Springs.....	White.....	.12	.11	.....	.12	.....	.....	.36	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.35			
Fayetteville.....	.....	.37	.....	.08	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.75			
Fordyce.....	Ouachita.....	.75	.....	.20	.....	T.	.....	.45	.....	.15	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.68			
Fort Smith.....	Arkansas.....	.13	.....	.04	T.	T.	.....	.02	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.49			
Fraziers Turnpike.....	do.....	.....	.....	.26	.....	T.	.....	.43	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	* 80			
Fulton    .....	Red.....	.....	.....	.10	.....	T.	.....	.48	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	4.09			
Georgetown.....	White.....	.57	.....	.08	T.	.01	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.26			
Hardy.....	do.....	.20	.02	T.	T.	.01	.....	T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1.04			
Helena    .....	Mississippi.....	.71	.....	.08	.39	.13	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.83			
Hot Springs.....	Ouachita.....	.03	.64	.10	.04	.....	.....	.28	.....	.....	.....	.01	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	3.76			
Huttig.....	do.....	.08	.04	.35	.19	.56	.01	.....	.33	.....	.80	.....	.....																				

TABLE 2.—*Daily precipitation for December, 1912. District No. 7—Continued.*

Stations.	Watershed.	Day of month.																													Total.		
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
<i>Mississippi—Contd.</i>																																	
Malone	Yazoo																																7.50
Marks	do																																
Natchez II	Mississippi	T.	1.10	T.	2.65	3.40	.70	.50	T.	.13	T.	.95	.15																		15.34		
New Albany	Yazoo																																
Pontotoc	do	.75	1.00	1.00	1.35	1.25																									7.68		
Port Gibson II	Mississippi	T.	1.80		2.20	2.12	T.	1.00		.13	.15	.77		T.																	13.21		
Rosedale II	Yazoo		.80		.50	.65				.30		.30																			5.80		
Senatobia	do																																
Shoecoe	Big Black	.24		T.	2.70	1.50	T.	T.	T.	.29	.02	.83																			9.41		
Suffolk	Mississippi	.01	2.05	.03	1.97	.96	.01	.04		T.	.79	.02																			11.63		
Swan Lake II	Yazoo		1.70		.80	1.18				.35		.36																			7.56		
Tchula	do	.50	1.16	.63	1.37	1.05				.15	.23	T.	1.80																	11.04			
University	do	.90	1.57		.70	.97				.27		.30																			7.74		
Utica	Mississippi	.78	.98	1.42	1.95	.04	.99	.19		.06	.71																			11.36			
Vicksburg	do	.37	.51	2.29	0.9	1.77	.04	.03	.16		.04	.94	T.																	10.94			
Water Valley	Yazoo	.20		1.25		1.15			.23	T.	.60	T.																		9.03			
Woodville	Mississippi	.12	1.2	3.85	1.06	2.13	.57	.10		.04		1.14	.13	.16																17.40			
Yazoo City II	Yazoo		1.73	T.	1.70	1.25	.10			.20		.68	.60																	11.09			
<i>Louisiana.</i>																																	
Abbeville	Coast	.01	.10	.85	1.80	.96	.85				.95	.40																			13.86		
Alexandria II	Red.		1.10	T.	2.25	1.25				.30		.88	.50																	12.83			
Amite II	Coast	.05	T.	T.	3.50	2.50	.60	T.	T.		T.	1.60	T.																	15.44			
Antioch	Red.	.20		.33	.20	.26			.45	.01	.81																			6.31			
Avoca Island	Coast	.12		1.20	1.30	1.50	1.32	.32			.55		.45																11.21				
Baton Rouge II	do	T.	.15	*	*	*	* 8.78				.10	1.20	.25	.01																17.59			
Burnside	do	T.	.40		.60	2.45	3.25				.72		.60																	14.64			
Burrwood	do																																
Cades	do	.08	T.	3.10	1.31	.93	.10				.104	.03	.35																	15.68			
Calhoun	Ouachita	T.	.17	.75	.35	1.00			.37		.28																			7.81			
Cameron	Coast	.39	78	1.17	1.42	1.94	.34				.153		.35																	14.95			
Carrollton	do	.15	.33		.96	1.38	2.72	.47	.01		.33	.07	.47	.03															11.88				
Cheneyville II	Red.	.03	2.00	2.55	.05	2.50																								15.10			
Cinclare	Coast	T.	.10	1.53	9.00	2.50	.50	1.90			T.	1.0	.40																20.05				
Clinton II	do	T.	.05	.11	3.25	.95	.20	.88	T.		T.	1.50	.27																13.00				
Colliston	Ouachita		.54		1.38	.40	.99			.35	T.	.91																	9.03				
Columbia	Red.																																
Covington II	Coast																																
Dodson	Red.		.92	1.15	.40	1.01			.19			1.10																		11.85			
Donaldsonville II	Coast		.95		1.95	4.00	.15	5.50																						9.86			
Dutchtown II	do		.88	2.00	1.45			.30	T.			.80	.42																	20.03			
Farmererville	Ouachita								.45																						7.30		
Ferriday	do																																
Franklin II	Coast		.13	T.	.30	1.80	.66	3.18	.02			.02	.54	.48	.05	T.														15.18			
Franklinton	Pearl		.10	T.	3.80	1.80	1.65	.10				.140	T.																15.45				
Grand Cane II	Red.																														6.41		
Grand Coteau	Coast		.10	20	1.80	1.35																								11.50			
Gueydan II	do																														12.80		
Hammond	do		.20																													14.05	
Houma II	do	.30																													10.05		
Jena	Red.		.80	2.50																											11.21		
Jennings II	Coast		.54	3.17	2.21	.22																								17.10			
Laark	Red.		.20		1.10	.70																								5.70			
Lafayette II	Coast		.01	25	3.90	.53	.10	.66			.02		.29	.13	.34	.03													15.74				
Lake Charles II	do																														7.88		
Lakeside	do		.70	28	2.67	1.38																								15.66			
La Rose (near)	do		T.	.40		.05	1.00	2.00	.70																				8.89				
Lawrence II	do		.67	.03																										9.18			
Leesville	Sabine																																
Liberty Hill	Red.																														7.26		
Logansport II	Sabine																																
Melville II	Red.		T.	.45	4.20	1.80	.10	.40	T.			.04		.06															4.50				
Merryville	Red.																														17.30		
Minden II	Red.		.12		.65	.18	T.			.60	.45		.80				</td																

TABLE 3.—*Maximum and minimum temperatures at selected stations for December, 1912. District No. 7, Lower Mississippi Valley.*

Date.	Colorado.				New Mexico.				Texas.				Kansas.								Oklahoma.							
	Lamar.		Leadville.		Pueblo.		Albert.		Cimarron.		Amarillo.		Paris. §§		Dodge City.		Ellinwood.		Iola.		Liberal.		Wichita.		Ardmore. §§		Bartlesville.	
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	56	34	22	1	51	18	51	15	48	31	52	31	64	52	55	25	57	40	58	37	55	30	59	36	.....	.....	.....	.....
2....	50	14	28	1	55	15	52	17	52	10	52	22	60	37	49	18	46	19	45	27	57	17	44	27	.....	.....	.....	.....
3....	50	20	34	6	54	23	62	12	49	21	53	33	49	36	55	29	55	34	44	31	55	33	51	37	.....	.....	.....	.....
4....	60	17	31	7	58	18	55	13	55	8	62	26	58	38	62	27	55	22	54	33	65	20	50	33	.....	.....	.....	.....
5....	49	24	14	-6	34	13	48	11	33	19	41	22	72	47	38	14	49	22	57	22	39	23	52	21	.....	.....	.....	.....
6....	36	9	13	-11	33	7	33	11	21	6	25	16	45	29	38	14	37	12	30	19	37	14	31	19	.....	.....	.....	.....
7....	49	10	32	-4	48	15	45	9	40	4	38	12	54	27	53	15	55	18	48	21	54	11	47	22	.....	.....	.....	.....
8....	45	21	29	-4	44	21	47	22	39	15	44	24	41	27	37	20	46	21	34	14	42	24	36	21	.....	.....	.....	.....
9....	55	13	30	6	55	13	52	21	49	14	45	30	41	28	55	20	57	17	41	13	52	17	46	19	.....	.....	.....	.....
10....	48	22	27	3	45	24	53	25	46	15	46	28	53	25	44	25	53	27	47	32	46	28	45	33	.....	.....	.....	.....
11....	37	26	27	2	39	19	50	13	41	19	37	20	45	38	40	20	39	18	35	23	40	20	35	26	.....	.....	.....	.....
12....	40	13	37	8	49	20	48	19	45	12	45	17	46	33	48	14	49	11	38	15	49	14	42	19	.....	.....	.....	.....
13....	52	17	45	16	60	21	63	17	58	10	56	22	52	24	60	20	57	23	44	29	60	17	46	28	.....	.....	.....	.....
14....	61	17	39	18	66	25	70	32	64	17	66	26	58	24	66	23	67	20	53	30	70	22	38	30	.....	.....	.....	.....
15....	50	17	46	14	43	20	65	30	56	18	60	32	51	31	53	28	56	27	56	29	55	20	54	30	.....	.....	.....	.....
16....	50	20	16	7	49	21	59	26	49	22	56	32	56	38	53	29	53	32	48	31	55	28	49	32	.....	.....	.....	.....
17....	45	19	10	5	41	24	56	22	38	13	46	28	62	34	47	24	47	21	45	30	49	25	45	29	.....	.....	.....	.....
18....	45	16	28	-4	56	11	49	14	52	10	50	23	52	33	46	23	44	21	35	23	48	21	41	27	.....	.....	.....	.....
19....	43	20	16	3	47	18	54	17	53	19	56	28	64	27	48	24	50	26	50	24	42	19	50	25	.....	.....	.....	.....
20....	35	10	12	-12	30	7	44	15	37	3	39	13	55	29	39	15	42	14	40	24	50	13	39	25	.....	.....	.....	.....
Mns.	47.3	15.4	25.8	1.0	46.9	15.4	54.2	16.7	44.8	12.5	45.3	21.8	53.1	32.1	48.9	20.3	50.3	20.4	46.5	24.8	50.6	18.9	45.8	26.5	.....	.....	.....	.....

Date.	Oklahoma.								Missouri.								Blandville, Ky.								Jackson, Tenn.			
	Enid. §§		McAlester.		Mangum. §§		Muskegee.		Oklahoma.		Weatherford. §§		Woodward.		Caruthersville.		Ironton. §§		Lamar. §§		Olden.		Springfield.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1....	65	29	65	52	67	26	64	52	65	38	64	33	60	43	62	44	59	43	61	44	61	43	57	40	62	44	64	47
2....	56	30	64	35	63	24	63	33	51	30	63	28	51	17	62	40	51	36	48	28	58	31	43	31	59	41	61	43
3....	57	33	50	35	56	30	54	33	54	38	51	31	58	40	60	31	53	19	45	30	53	26	50	32	54	31	60	43
4....	60	35	61	44	61	32	58	42	54	36	58	35	63	20	60	44	58	35	55	38	57	39	53	41	60	42	69	49
5....	45	25	65	45	62	31	63	40	55	28	54	34	52	30	66	44	63	50	62	40	69	50	63	22	64	54	65	58
6....	39	19	45	26	52	27	40	25	31	25	42	24	53	19	62	31	41	22	30	19	59	21	28	19	62	31	61	48
7....	40	20	44	25	31	20	50	24	49	22	48	20	53	19	53	32	48	23	45	20	50	24	44	22	45	33	.....	.....
8....	45	31	43	34	31	20	44	30	43	25	47	29	47	27	50	28	41	28	37	22	43	20	35	17	44	34	50	27
9....	50	35	43	22	50	24	40	18	44	22	47	23	60	17	44	18	37	9	40	14	40	10	39	14	34	15	44	20
10....	56	38	51	36	49	23	53	31	52	33	48	32	50	27	41	24	49	24	50	18	53	30	46	31	40	25	43	26
11....	55	39	50	34	49	28	50	30	40	27	40	26	45	21	42	32	39	24	34	26	39	24	34	26	39	27	42	34
12....	51	36	45	22	41	19	46	21	47	22	46	24	50	17	38	21	32	10	40	12	30	9	34	16	31	16	36	22
13....	52	34	48	30	55	20	53	25	42	28	50	29	60	28	46	15	50	15	48	18	52	20	46	17	42	17	45	15
14....	54	35	59	35	51	24	58	31	44	33	55	30	65	24	56	25	54	21	55	32	54	33	52	28	54	24	52	24
15....	55	32	50	40	56	24	51	36	53	28	46	31	70	20	64	31	63	33	57	40	51	31	60	32	.....	.....	.....	.....
16....	55	33	50	39	66	26	56	28	56	32	60	34	58	35	64	30	52	18	55	29	51	28	53	34	60	33	59	28
17....	48	28	55	26	53	31	50	24	57	24	52	24	51	21	42	57	32	50	31	53	38	48	33	61	48	64	48	48
18....	48	29	50	30	56	24	47	29	48	28	52	27	49	22	51	35	33	29	33	25	40	27	33	23	49	34	48	39
19....	55	27	52	31	66	25	58	25	58	31	61	26	56	28	50	25	48	16	50	23	50	23	53	23	45	28	47	26
20....	47	22	47	32	60	38	49	24	44	26	47	26	41	14	55	25	47	24	49	27	47							

TABLE 3.—Maximum and minimum temperatures at selected stations for December, 1912. District No. 7—Continued.

Date.	Tennessee.				Arkansas.												Mississippi.				Clarksville. §§		Corinth. §§		Greenville. §§				
	Kenton.		Memphis.		Bentonville.		Corning.		Dardanelle. §§		El Dorado. §§		Fort Smith.		Little Rock.		Fine Bluff. §§		Texarkana. §§		Wynne. §§		Clarksville. §§		Corinth. §§		Greenville. §§		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.			
1.....	66	42	63	51	59	42	59	46	60	49	66	53	63	48	63	46	66	42	68	51	62	52	63	32	64	30	65	35	
2.....	61	43	48	32	61	41	56	41	59	45	55	35	62	40	56	43	60	39	53	41	59	48	58	53	61	50			
3.....	60	26	56	38	51	30	54	24	52	25	53	38	48	33	53	33	51	30	50	35	57	30	60	35	62	36	62	43	
4.....	60	44	60	49	57	45	70	38	58	40	64	51	55	47	58	46	64	31	62	34	67	45	65	35	68	36	64	46	
5.....	64	54	67	60	64	23	65	55	74	48	70	50	68	32	68	46	63	41	73	47	68	57	70	54	66	56	71	56	
6.....	62	33	60	34	31	22	64	28	48	30	53	39	42	27	46	31	49	35	49	32	46	30	51	37	54	46	54	45	
7.....	47	33	48	38	46	24	50	35	52	29	52	41	48	28	54	34	54	33	56	32	51	38	52	37	54	38	53	43	
8.....	53	35	46	34	41	19	48	28	50	23	45	32	47	30	46	35	45	31	47	38	47	30	47	32	46	30	48	34	
9.....	40	18	36	22	38	14	44	16	41	20	41	31	39	21	42	23	39	27	40	31	39	21	40	27	38	22	40	31	
10....	42	24	44	32	51	27	32	44	27	54	18	49	35	53	31	50	33	49	26	50	31	46	24	46	27	42	22	49	29
11....	43	30	44	34	38	24	43	29	46	37	48	34	45	37	45	33	47	34	42	40	44	34	42	30	46	36			
12....	36	18	34	26	42	16	38	19	46	20	39	33	46	25	39	29	37	29	40	32	34	24	36	29	32	24	38	31	
13....	41	11	42	25	50	26	48	15	48	17	51	28	50	25	52	25	51	18	47	21	45	15	48	21	46	18	49	27	
14....	52	21	52	35	56	33	57	24	58	25	48	30	58	30	59	33	59	18	52	27	54	21	56	21	52	20	58	28	
15....	60	42	59	39	55	34	62	30	64	26	52	31	51	31	63	36	65	28	59	33	60	34	63	29	61	24	61	31	
16....	59	24	54	35	58	32	59	24	52	28	63	39	60	31	55	37	59	30	57	36	53	30	55	31	58	30	60	32	
17....	61	40	60	44	55	33	62	41	62	32	71	42	60	34	63	40	66	57	58	35	53	43	64	36	61	33	68	34	
18....	54	31	48	31	36	25	55	35	47	35	52	39	43	32	52	37	53	37	52	34	40	34	52	41	48	42	53	42	
19....	52	30	54	25	54	32	62	28	51	35	59	25	58	27	60	24	64	24	45	23	55	26	48	26	57	28			
20....	52	26	52	38	44	28	52	24	56	24	57	30	50	30	52	36	56	25	58	28	53	27	55	30	56	26	57	30	
21....	40	26	42	32	44	25	45	25	31	38	29	45	34	44	33	39	29	38	32	45	30	37	33	38	34	38	36		
22....	45	24	40	33	42	18	45	17	41	37	32	43	28	41	32	40	31	40	32	44	28	41	33	38	31	38	33		
23....	45	29	37	32	44	29	41	31	31	38	33	41	31	36	31	37	32	42	31	44	33	39	32	37	32	41	34		
24....	34	24	46	29	49	25	42	11	45	34	54	25	50	23	54	28	54	26	54	34	49	23	29	29	49	30	53	30	
25....	50	35	50	32	50	24	56	24	50	28	56	25	53	29	51	32	56	25	57	25	50	29	52	27	50	24	55	27	
Mns..	50.0°	29.1°	50.1	36.1	48.4	27.7	52.7	29.0	53.1d	28.6e	52.8	34.7	51.5	31.0	52.3	34.3	52.9	30.0	53.4	32.6	50.3	32.5	52.4	32.6a	50.6	31.5	53.9	35.1	

Date.	Mississippi.						Louisiana.												Shreveport.									
	Kosciusko. §§		Natchez. §§		Vicksburg.		Alexander. §§		Baton Rouge. §§		Covington. §§		Lafayette. §§		Lake Charles. §§		Monroe. §§		New Orleans.		Robeline. §§		Schriever.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.				
1.....	65	34	72	48	67	55	70	41	76	60	70	47	82	56	82	30	65	44	74	59	75	42	82	52	68	48		
2.....	66	54	73	60	66	55	65	60	71	63	71	64	79	62	86	40	62	55	71	62	72	52	64	45				
3.....	70	48	68	55	68	53	63	52	77	60	73	58	80	56	89	50	59	45	72	56	58	44	72	60	53	41		
4.....	68	50	68	55	66	60	66	57	75	66	74	61	81	62	88	51	66	55	77	65	68	47	80	62	61	50	50	
5.....	69	61	65	61	68	62	70	59	66	64	64	70	62	79	36	71	60	73	61	71	48	73	64	68	54	54	54	
6.....	60	56	60	59	64	49	59	56	63	61	64	60	69	61	75	33	60	46	66	61	61	49	66	48	54	40		
7.....	50	40	51	41	51	41	56	41	52	47	59	58	56	56	46	83	31	52	43	66	51	65	43	60	57	49	40	40
8.....	50	32	52	34	51	40	52	39	64	43	64	49	57	42	82	30	46	35	61	50	55	40	61	50	43	39		
9.....	42	30	55	35	47	34	50	36	59	37	60	39	56	38	80	43	48	33	53	44	53	38	60	42	46	35	35	
10....	45	27	54	35	47	34	55	36	61	38	64	34	64	38	78	41	48	33	58	43	49	38	70	38	50	38	38	
11....	46	34	46	49	41	52	40	56	53	60	36	59	43	74	40	48	44	68	51	48	40	74	39	48	40			
12....	38	31	37	28	41	36	47	39	45	40	42	40	75	36	44	34	51	41	41	38	44	41	37					
13....	51	31	51	33	50	34	50	34	46	35	47	35	46	34	80	38	52	30	45	36	55	29	46	37	51	32		
14....	55	27	62	37	53	36	57	34	52	35	58	36	58	35	78	40	59	31	56	45	59	28	54	33	59	36		
15....	64	36	65	48	56	45	59	35	65	43	66	39	66	38	75	39	54	35	61	49	63	32	62	41	52	38		
16....	62	31	45	61	3																							